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As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below at 201 et seq. underneath my name.

I believe I am the original, first and sole inventor if only one name is listed at 201 below, or an original, first and joint inventor if plural names are listed at 201 et seq. below, of the subject matter which is claimed and for which a patent is sought on the invention entitled

		IE-DIRECTED MO	TAGENESIS		•
d for which a patent application: is attached hereto. was filed in the United States on Decem	<u>ber 8, 1995</u> as Applic	cation Serial No. <u>08/</u>	567,881 No declaration	n nor accompanying applican	anu
with amendment(s) filed on was filed as PCT international application Article 19 on	n Serial No.	on	and v	was amended und	der PCT
nereby state that I have reviewed and undendment referred to above.	erstand the contents of t	he above identified a	pplication, includir	ng the claims, as	amended by
cknowledge the duty to disclose informati	on known to me to be ma	aterial to patentability	as defined in Title	37, Code of Fed	eral Regulatio
nereby claim foreign priority benefits und rufficate listed below and have also identif the application on which priority is clair	ied below any foreign ap	es Code, §119(a)-(d) plication for patent o	of any foreign app r inventor's certific	lication(s) for par cate having a filin	tent or invent g date before
EARLIEST FOREIGN APPLICA	TION(S), IF ANY, FIL	ED PRIOR TO THE	FILING DATE	OF THE APPLIC	ATION
APPLICATION NUMBER	COUNTRY	DAT	E OF FILING, month, year)	PRIO	RITY MED
				YES 🗆	О В
				YES 🗆	NO 🗆
hereby claim the benefit under Title 35,	United States Code, §11	19(e) of any United	States provisional a	application(s) liste	d below.
			FILING	DATE	
APPLICATION NU	MBER				
APPLICATION NU	MBER				

I hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code §112, I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, §1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application:

			STATUS	
APPLICATION SERIAL NO.	FILING DATE	PATENTED	PENDING	ABANDONED
ŀ				

POWER OF ATTORNEY: As a named inventor, I hereby appoint S. Leslie Misrock (Reg. No. 18872), Harry C. Jones, III (Reg. No. 20280), Berj A. Terzian (Reg. No. 20060), Gerald J. Flintoft (Reg. No. 20823), David Weild, III (Reg. No. 21094), Jonathan A. Marshall (Reg. No. 24614), Barry D. Rein (Reg. No. 22411), Stanton T. Lawrence, III (Reg. No. 25736), Isaac Jarkovsky (Reg. No. 22713), Joseph V. Colaianni (Reg. No. 20019), Charles E. McKenney (Reg. No. 22795), Philip T. Shannon (Reg. No. 24278), Francis E. Morris (Reg. No. 24615), Charles E. Miller (Reg. No. 24576), Gidon D. Stern (Reg. No. 27469), John J. Lauter, Jr. (Reg. No. 27814), Brian M. Poissant (Reg. No. 28462), Brian D. Coggio (Reg. No. 27624), Rory J. Radding (Reg. No. 28749), Stephen J. Harbulak (Reg. No. 29166), Donald J. Goodell (Reg. No. 19766), James N. Palik (Reg. No. 25510), Thomas E. Friebel (Reg. No. 29258), Laura A. Coruzzi (Reg. No. 30742), Jennifer Gordon (Reg. No. 30753), Jon R. Stark (Reg. No. 30111), Allan A. Fanucci (Reg. No. 30256), Geraldine F. Baldwin (Reg. No. 31232), Victor N. Balancia (Reg. No. 31231), Albert P. Halluin (Reg. No. 25227), Samuel B. Abrams (Reg. No. 30,605), Steven I. Wallach (Reg. No. 35,402), and Marcia H. Sundeen (Reg. No. 30893), all of Pennie & Edmonds, whose addresses are 1155 Avenue of the Americas, New York, New York 10036, 1667 K Street N.W., Washington, DC 20006 and 2730 Sand Hill Road, Menlo Park, CA 94025, and each of them, my attorneys, to prosecute this application, and to transact all business in the Patent and Trademark Office connected therewith.



SENI	CORRESPONDEN	PENNIE & EDMONDS 1155 AVENUE OF THE NEW YORK, N.Y. 1003	AMERICAS PENNI	T TELEPHONE CALLS E & EDMONDS DOCK 90-2803	S TO: ETING
	FULL NAME OF INVENTOR	LAST NAME Bauer	FIRST NAME John	C. COUNTRY OF CITIZENSHIP	
2 0	RESIDENCE & CITIZENSHIP	crry San Diego	STATE OR FOREIGN COUNTRY  California	USA STATE OR COUNTRY	ZIP CODE
	POST OFFICE ADDRESS	STREET 4635 Tivoli St.	San Diego	California  MIDDLE NAME	92107
	FULL NAME OF INVENTOR	LAST NAME Wright	FIRST NAME Dowain	A.  COUNTRY OF CITIZENSHIE	
0	RESIDENCE &	CTTY Cambridge	STATE OR FOREIGN COUNTRY Massachusetts	USA STATE OR COUNTRY	ZIP CODE
2	POST OFFICE ADDRESS	STREET 581 Mt. Auburn St. #4	Cambridge	Massachusetts	02138
	FULL NAME OF INVENTOR	LAST NAME Braman	FIRST NAME Jeffrey	MIDDLE NAME Cari	
2 0	RESIDENCE & CITIZENSHIP	crry Carlsbad	STATE OR FOREIGN COUNTRY California	COUNTRY OF CITIZENSH USA	
3	POST OFFICE ADDRESS	STREET 3067 Camino Limero	Carlsbad	STATE OR COUNTRY USA	21F CODE 92209
-	FULL NAME OF INVENTOR	LAST NAME Geha	PREST NAME Raif	S.	
2 0	RESIDENCE &	Beimont	STATE OR POREIGN COUNTRY Massachusetts	USA	ZIP CODE
4	POST OFFICE	STREET 248 Rutledge Road	CITY Belmont	Massachusetts	02178
-	ADDRESS FULL NAME	LAST NAME	FIRST NAME	MIDDLE NAME	
	OF INVENTOR	CITY	STATE OR POREIGN COUNTRY	COUNTRY OF CITIZEN	
	POST OFFICE	STREET	спу	STATE OR COUNTRY	ZIP CODE
-	ADDRESS FULL NAME	LAST NAME	FIRST NAME	MIDOLE NAME	
	OF INVENTO RESIDENCE	any	STATE OR FOREIGN COUNTRY	COUNTRY OF CITIZED	ZIP CODE
	POST OFFICE ADDRESS	STREET	спт	state de countre	

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

	SIGNATULE OF INVENTOR 201	SIGNATURE OF INVENTOR 200	Cesse Cal Frame
ļ	DATE C. (5 and	DATE	3/28/56
(	\ <b>a</b>	SIGNATULE OF INVENTOR 250	SIGNATURE OF DAYS AND ASSESSMENT OF THE PROPERTY OF THE PROPER
	$\mathcal{O}_{\mathbf{C}}$	DATE	DATE
	DATE		





## DECLARATION AND POWER OF ATTORNEY

As a below named inventor, I hereby declare that:

and for which a patent application:

My residence, post office address and citizenship are as stated below at 201 et seq. underneath my name.

I believe I am the original, first and sole inventor if only one name is listed at 201 below, or an original, first and joint inventor if plural names are listed at 201 et seq. below, of the subject matter which is claimed and for which a patent is sought on the invention entitled

#### IMPROVED CIRCULAR SITE-DIRECTED MUTAGENESIS

☐ is attached hereto.  ☑ was filed in the United States on December  ☐ De	e 8 1995 as Application	Serial No. 08/567,881 (to declaration)	nci eccumpanyon; application)		
with amendment(s) filed on  was filed as PCT international application  Article 19 on "	Serial No	on and w	as amended under PCT		
I hereby state that I have reviewed and under amendment referred to above.			•		
I acknowledge the duty to disclose informatio §1.56.					
I hereby claim foreign priority benefits unde certificate listed below and have also identifie of the application on which priority is claim	O DEIOM TITA IOLEIRU TABLE	ode, §119(a)-(d) of any foreign applation for patent or inventor's certific	ace baving a filing date before that		
EARLIEST FOREIGN APPLICAT		PRIOR TO THE FILING DATE O	F THE APPLICATION:		
APPLICATION NUMBER	COUNTRY	DATE OF FILING (day, month, year)	PRIORITY CLAIMED		
APPLICATION NONBER			YES   NO		
			YES   NO		
I hereby claim the benefit under Title 35.	United States Code, §119(e				
APPLICATION NUM	MBER	FILING DATE			
		,			

I hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code §112, I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, §1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application:

D10011				
			STATUS	
APPLICATION SERIAL NO.	FILING DATE	PATENTED	PENDING	ABANDONED
				III (Per No 20280)

POWER OF ATTORNEY: As a named inventor, I hereby appoint S. Leslie Misrock (Reg. No. 18872), Harry C. Jones, III (Reg. No. 20280), Berj A. Terzian (Reg. No. 20060), Gerald J. Flintoft (Reg. No. 20823), David Weild, III (Reg. No. 21094), Jonathan A. Marshall (Reg. No. 24614), Barry D. Rein (Reg. No. 22411), Stanton T. Lawrence, III (Reg. No. 25736), Isaac Jarkovsky (Reg. No. 22713), Joseph V. Colaianni (Reg. No. 20019), Charles E. McKenney (Reg. No. 22795), Philip T. Shannon (Reg. No. 24278), Francis E. Morris (Reg. No. 24615), Charles (Reg. No. 24576), Gidon D. Stern (Reg. No. 27469), John J. Lauter, Jr. (Reg. No. 27814), Brian M. Poissam (Reg. No. 28462), Brian D. Coggio (Reg. No. 27624), Rory J. Radding (Reg. No. 28749), Stephen J. Harbulak (Reg. No. 29166), Donald J. Goodell (Reg. No. 19766), James N. Palik (Reg. No. 25510), Thomas E. Friebel (Reg. No. 29258), Laura A. Coruzzi (Reg. No. 30742), Jennifer Gordon (Reg. No. 30753), Jon R. Stark (Reg. No. 30111), Allan A. Fanucci (Reg. No. 30256), Geraldine F. Baldwin (Reg. No. 31232), Victor N. Balancia (Reg. No. 31231), Albert P. Halluin (Reg. No. 25227), Samuel B. Abrams (Reg. No. 30,605), Steven I. Wallach (Rég. No. 35,402), and Marcia H. Sundeen (Reg. No. 30893), all of Pennie & Edmonds, whose addresses are 1155 Avenue of the Americas, New York, New York 10036, 1667 K Street N.W., Washington, DC 20006 and 2730 Sand Hill Road, Menlo Park, CA 94025, and each of them, my attorneys, to prosecute this application, and to transact all business in the Patent and Trademark Office connected therewith.



PENNIE & LUMOI, JS

SENI	CORRESPONDENC	PENNIE & EDMONDS 1155 AVENUE OF THE NEW YORK, N.Y. 1003	AMERICAS PENN	CT TELEPHONE CALL NIE & EDMONDS DOCK 790-2803	S TO: ŒTING
	FULL NAME OF INVENTOR	LAST NAME Bauer	FIRST NAME John	MIDDLE NAME C.	
2 0 1	RESIDENCE & CITIZENSHIP	CITY San Diego	STATE OR FOREIGN COUNTRY California	COUNTRY OF CITIZENSHIP USA	
	POST OFFICE ADDRESS	STREET 4635 Tivoli St.	crry San Diego	STATE OR COUNTRY  California	21 CODE 92107
	FULL NAME OF INVENTOR	UAST NAME Wright	FIRST NAME Dowain	MIDOLE NAME A.	
0 2	RESIDENCE &	CITY Cambridge	STATE OR FOREIGN COUNTRY Massachusetts	COUNTRY OF CITIZENSHII	
	POST OFFICE ADDRESS	STREET 581 Mt. Auburn St. #4	CITY Cambridge	Massachusetts	217 CODE 02138
	FULL NAME OF INVENTOR	LAST NAME Braman	FIRST NAME Jeffrey	MIDDLE NAME Carl	
0 3	RESIDENCE &	CITY Carisbad	STATE OR POREIGN COUNTRY California	USA	
,	POST OFFICE ADDRESS	STREET 3067 Camino Limero	Carisbad	STATE OR COUNTRY USA	21F CODE 92209
	FULL NAME OF INVENTOR	LAST NAME Geha	FIRST NAME Raif	S.	:
0	RESIDENCE &	CITY Belmont	STATE OR POREIGN COUNTRY Massachusetts	COUNTRY OF CITIZENS	
4	POST OFFICE ADDRESS	STREET 248 Rutledge Road	CITY Belmont	STATE OR COUNTRY Massachusetts	21P CODE 02178
	FULL NAME OF INVENTOR	LAST NAME	FIRST NAME	MIDDLE NAME	
0	RESIDENCE &	стт	STATE OR POREIGN COUNTRY	COUNTRY OF CITIZENS	
5	POST OFFICE ADDRESS	STREET	спу	STATE OR COUNTRY	ZIP CODE
	FULL NAME OF INVENTOR	LAST NAME	FIRST NAME	MIDDLE NAME	
2	RESIDENCE &	спу	STATE OR FOREIGN COUNTRY	COUNTRY OF CITIZENS	
6	POST OFFICE ADDRESS	STREET	cm	STATE OR COUNTRY	mation and belief are

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

SIGNATURE OF INVENTOR 201	SIGNATURE OF INVENTOR 200	SIGNATURE OF THE PARTY AND ADDRESS OF THE PART
DATE	DATE	3-8-96
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2 Hulis	DATE	DATE
3-8-96		

#### IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of: Bauer, et al.

Serial No.: 08/567,881

Group Art Unit: not yet assigned

Filed: December 8, 1995

Examiner: not yet assigned

For: IM

IMPROVED CIRCULAR SITE-

Attorney Docket No.:

**DIRECTED MUTAGENESIS** 

8142-107-999

#### SUPPLEMENTAL COMMUNICATION

Sir:

A Response to Notice to File Missing Parts was filed by Applicants on July 12, 1996. Applicants submit herewith a new Declaration and Power of Attorney executed by Dowain A. Wright at page 2 in the correct box entitled "Signature of Inventor 202." As mentioned in the Response, the previous Declaration and Power of Attorney was executed by Mr. Wright in the incorrect box.

Applicants believe there is no fee associated with this communication. However, if a fee is required, the Commissioner is hereby authorized to charge Deposit Account No. 16-1150. A duplicate copy of this communication is enclosed.

Respectfully submitted,

000 51 16

Dated: <u>August 30, 1996</u>	/illull. Halle	<u> </u>
	Albert P. Halluin	(Reg. No.)

PENNIE & EDMONDS 1155 Avenue of the Americas New York, New York 10036-2711 (415) 854-3660

Enclosures

	•		
"Express Mail" label No	TB 668 685 666 US	Date of Deposit	August 30, 1996
I hereby certify that this paper or fee	is being deposited with the United States	Postal Service *Express Mail Pos	st Office to Addressee" service under
37 C.F.R. 1.10 on the date indicated	above and is addressed to the Commissio	ner of Patents and Trademarks, V	Vashington, D.C. 20231.
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	Gabriel Urc	<u>uidez</u>	
	Company of the compan		

\* EXPRESS MAIL CERTIFICATION

PEMP-61642.1

## DECLARATION AND POWER OF ATTORNEY

As a below named inventor, I hereby declare that:

APPLICATION SERIAL NO.

My residence, post office address and citizenship are as stated below at 201 et seq. underneath my name.

I believe I am the original, first and sole inventor if only one name is listed at 201 below, or an original, first and joint inventor if plural names are listed at 201 et seq. below, of the subject matter which is claimed and for which a patent is sought on the invention entitled

ught on the invention entitled IMPROVED CIRCULAR SITE-DIRECTED MUTAGENESIS						
nd for which a patent application:						
Is attached hereto.  Was filed in the United States on <u>December 8, 1995</u> as Application Serial No. <u>08/567,881</u> (or declaration on accompanying application)						
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was filed as PCT international appli			on	and was a	mended under	r
PCT Article 19 on	(f aplable).					
hereby state that I have reviewed an as amended by any amendment referre		ents of th	e above identified app	lication, includi	ng the claims,	•
acknowledge the duty to disclose information known to me to be material to patentability as defined in Title 37, Code of Federal Regulations, §1.56.					f	
hereby claim foreign priority benefit patent or inventor's certificate listed b certificate having a filing date before	clow and have also ide	entified b	clow any foreign appli			
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			DATE OF	PRIO	RITY	1
APPLICATION NUMBER	COUNTRY		FILING (day, month, year)	CLAII		
				YES 🗆	№ □	]
•		_		YES 🗆	№ □	]
I hereby claim the benefit under Title below.	35, United States Code	s, §119(c	) of any United States	provisional appli	cation(s) listed	d
APPLICATION NU	UMBER		FILI	NG DATE		
·····	<u></u>					
I hereby claim the benefit under Title insofar as the subject matter of each of in the manner provided by the first pinformation which is material to pate available between the filing date of the	of the claims of this ap paragraph of Title 35, entability as defined in	plication United S Title 37	is not disclosed in the tates Code §112, I ack , Code of Federal Reg	prior United States the descriptions, §1.56	ites application uty to disclose which became	n c
			STA			

POWER OF ATTORNEY: As a named inventor, I hereby appoint S. Leslie Misrock (Reg. No. 18872), Harry C. Jones, III (Reg. No. 20280), Berj A. Terzian (Reg. No. 20060), Gerald J. Flintoft (Reg. No. 20823), David Weild, III (Reg. No. 21094), Jonathan A. Marshall (Reg. No. 24614), Barry D. Rein (Reg. No. 22411), Stanton T. Lawrence, III (Reg. No. 25736), Isaac Jarkovsky (Reg. No. 22713), Joseph V. Colaianni (Reg. No. 20019), Charles E. McKenney (Reg. No. 22795), Philip T. Shannon (Reg. No. 24278), Francis E. Morris (Reg. No. 24615), Charles E. Miller (Reg. No. 24576), Gidon D. Stern (Reg. No. 27469), John J. Lauter, Jr. (Reg. No. 27814), Brian M. Poissant (Reg. No. 28462), Brian D. Coggio (Reg. No. 27624), Rory J. Radding (Reg. No. 28749), Stephen J. Harbulak (Reg. No. 29166), Donald J. Goodell (Reg. No. 19766), James N. Palik (Reg. No. 25510), Thomas E. Friebel (Reg. No. 29258), Laura A. Coruzzi (Reg. No. 30742), Jennifer Gordon (Reg. No. 30753), Jon R. Stark (Reg. No. 30111), Allan A. Fanucci (Reg. No. 30256), Geraldine F. Baldwin (Reg. No. 31232), Victor N. Balancia (Reg. No. 31231), Albert P. Halluin (Reg. No. 25227), Samuel B. Abrams (Reg. No. 30,605), Steven I. Wallach (Reg. No. 35,402), and Marcia H. Sundeen (Reg. No. 30893), all of Pennie & Edmonds, whose addresses are 1155 Avenue of the Americas, New York, New York 10036, 1667 K Street N.W., Washington, DC 20006 and 2730 Sand Hill Road, Menlo Park, CA 94025, and each of them, my attorneys, to prosecute this application, and to transact all business in the Patent and Trademark Office connected therewith.

**PATENTED** 

FILING DATE

(1) PEMP-SITIAL

PENDING

**ABANDONED** 

DIRECT TELEPHONE CALLS PENNIE & EDMONDS SEND CORRESPONDENCE TO: 1155 AVENUE OF THE AMERICAS TO: PENNIE & EDMONDS NEW YORK, N.Y. 10036-2711 **DOCKETING** (212) 790-2803 MIDDLE NAME FIRST NAME LAST NAME **FULL NAME** John Bauer OF **INVENTOR** 2 COUNTRY OF CITIZENSHIP STATE OR FOREIGN COUNTRY RESIDENCE USA 1 California San Diego CITIZENSHIP STATE OR ZIP CODE CITY STREET POST OFFICE 92107 San Diego 4635 Tivoli St. **ADDRESS** California MIDDLE NAME FIRST NAME LAST NAME **FULL NAME** Dowain Wright OF INVENTOR 2 0 STATE OR FOREIGN COUNTRY COUNTRY OF CITIZENSKIP RESIDENCE 2 USA Georgia Dunwoody CITIZENSHIP ZIP CODE STATE OR CITY STREET POST OFFICE 30350 Dunwoody 7815 Landowne Drive Georgia **ADDRESS** MIDDLE NAME FIRST NAME LAST NAME **FULL NAME** Carl Jeffrey Braman OF **INVENTOR** 2 COUNTRY OF CITEZENSHIP STATE OR FOREIGN COUNTRY 0 CITY RESIDENCE 3 USA California Carlsbad CITIZENSHIP ZIP CODE CITY STATE OR COUNTRY STREET POST OFFICE 92209 Carlsbad 3067 Camino Limero · ADDRESS USA MIDDLE NAME FIRST NAME LAST NAME **FULL NAME** S. Raif Gcha OF INVENTOR 2 COUNTRY OF CITIZENSHIP 0 STATE OR FOREIGN COUNTRY CITY RESIDENCE USA Massachusetts Belmont CITIZENSHIP STATE OR COUNTRY ZIP CODE CITY STREET **POST OFFICE** 02178 Belmont 248 Rutledge Road **ADDRESS** Massachusett MIDDLE NAME FIRST NAME LAST NAME **FULL NAME** OF INVENTOR 2 COUNTRY OF CITIZENSKIP STATE OR FOREIGN COUNTRY 0 CITY RESIDENCE CITIZENSHIP ZIP CODE STATE OR CITY STREET POST OFFICE ADDRESS

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the valid. To of the application or any patent issuing

thereon.		SIGNATURE OF INVENTOR 203
SIGNATURE OF INVENTOR 201	SIGNATURE OF JAVOS TOR TO	
DATE	P/20/96	DATE
SIGNATURE OF INVENTOR 204	SIGNATURE OF INVENTOR 205	SIGNATURE OF INVENTOR 206
DATE	DATE	DATE

PATENT Attorney Docket No. 04121.0103-01

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of	)
John C. Bauer et al.	) )
Serial No.: 08/844,524	Group Art Unit: 1807
Filed: April 17, 1997	) Examiner: A. Atzel
For: IMPROVED CIRCULAR SITE-DIRECTED MUTAGENESIS	(*) (*)

Assistant Commissioner for Patents Washington, DC 20231

Sir:

# REVOCATION OF ORIGINAL POWER OF ATTORNEY AND GRANT OF NEW POWER OF ATTORNEY AND RATIFICATION OF PRIOR ACTS

The undersigned has reviewed all the documents in the chain of title of the above-identified patent application and, to the best of undersigned's knowledge and belief, title is in the co-assignee identified below.

CHILDREN'S MEDICAL CENTER CORPORATION, having a place of business located at 300 Longwood, Boston, Massachusetts 02115, certifies that it is the coassignee and co-owner of the entire right, title and interest in, to, and under the invention described and claimed in the above-identified application by virtue of an Assignment recorded at Reel 8039, Frame 0497, and hereby revokes all previous power of attorney and appoints:

Douglas B. Henderson, Reg. No. 20,291; Ford F. Farabow, Jr., Reg. No. 20,630; Arthur S. Garrett, Reg. No. 20,338; Donald R. Dunner, Reg. No. 19,073; Brian G. Brunsvold, Reg. No. 22,593; Tipton D. Jennings, IV, Reg. No. 20,645; Jerry D. Voight, Reg. No. 23,020; Laurence R. Hefter, Reg. No. 20,827; Kenneth E. Payne, Reg. No. 23,098; Herbert H. Mintz,

LAW OFFICES
INECAN, HENDERSON,
FARABOW, GARRETT
8 DUNNER, L. P.
ANFORD RESEARCH PARK
700 HANSEN WAY
PALO ALTO, CALIF. 94304
650-649-6600



Reg. No. 26,691; C. Larry O'Rourke, Reg. No. 26,014; Albert J. Santorelli, Reg. No. 22,610; Michael C. Elmer, Reg. No. 25,857; Richard H. Smith, Reg. No. 20,609; Stephen L. Peterson, Reg. No. 26,325; John M. Romary, Reg. No. 26,331; Bruce C. Zotter, Reg. No. 27,680; Dennis P. O'Reilley, Reg. No. 27,932; Allen M. Sokal, Reg. No. 26,695; Robert D. Bajefsky, Reg. No. 25,387; Richard L. Stroup, Reg. No. 28,478; David W. Hill, Reg. No. 28,220; Thomas L. Irving, Reg. No. 28,619; Charles E. Lipsey, Reg. No. 28,165; Thomas W. Winland, Reg. No. 27,605; Basil J. Lewris, Reg. No. 28,818; Martin I. Fuchs, Reg. No. 28,508; E. Robert Yoches, Reg. No. 30,120; Barry W. Graham, Reg. No. 29,924; Susan Haberman Griffen, Reg. No. 30,907; Richard B. Racine, Reg. No. 30,415; Thomas H. Jenkins, Reg. No. 30,857; Robert E. Converse, Jr., Reg. No. 27,432; Clair X. Mullen, Jr., Reg. No. 20,348; Christopher P. Foley, Reg. No. 31,354; Roger D. Taylor, Reg. No. 28, 992; John C. Paul, Reg. No. 30,413; David M. Kelly, Reg. No. 30,953; Kenneth J. Meyers, Reg. No. 25,146; Carol P. Einaudi, Reg. No. 32,220; Walter Y. Boyd, Jr., Reg. No. 31,738; Steven M. Anzalone, Reg. No. 32,095; Jean B. Fordis, Reg. No. 32,984; Barbara C. McCurdy, Reg. No. 32,120; James K. Hammond, Reg. No. 31,964; Richard V. Burgujian, Reg. No. 31,744; J. Michael Jakes, Reg. No. 32,824; Dirk D. Thomas, Reg. No. 32,600; Thomas W. Banks, Reg. No. 32,719; Christopher P. Isaac, Reg. No. 32,616; Bryan C. Diner, Reg. No. 32,409; M. Paul Barker, Reg. No. 32,013; Andrew Chanho Sonu, Reg. No. 33,457; David S. Forman, Reg. No. 33,694; Vincent P. Kovalick, Reg. No. 32,867; James W. Edmondson, Reg. No. 33,871; Michael R. McGurk, Reg. No. 32,045; Joann M. Neth, Reg. No. 36,363; Gerson S. Panitch, Reg. No. 33,751; Cheri M. Taylor, Reg. No. 33,216; Charles E. Van Horn, Reg. No. 40,266; and Linda A. Waddler, Reg. No. 33,218, all of FINNEGAN, HENDERSON, FARABOW, GARRETT & DUNNER, L.L.P., whose addresses are 1300 I Street N.W., Washington, D.C. 20005-3315; 700 Hansen Way, Palo Alto, California 94304, and 303 Peachtree Street, N.E. Suite 3200, Atlanta, Georgia 30308, and each of them, my attorneys,

to prosecute this application, and to transact all business in the Patent and Trademark Office connected therewith.

The undersigned also hereby ratifies all previous acts taken during the prosecution of the above-identified patent application.

Please direct all correspondence to:

FINNEGAN, HENDERSON, FARABOW, GARRETT & DUNNER, L.L.P. 1300 I Street N.W., Washington, D.C. 20005-3315

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The undersigned (whose title is supplied below) is empowered to act on behalf of the assignee.

I hereby declare that all statements made herein of my knowledge are true, and that these statements are made with the knowledge that willful false statements, and the like so made, are punishable by fine or imprisonment, or both, under Section 1001, Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

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PATENT Attorney Docket No. 04121.0103.01000

#### IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of	)
John C. Bauer, et al.	)
Serial No.: 08/844,524	) Group Art Unit: 1807
Filed: April 17, 1997	) Examiner: A. Atzel
For: IMPROVED CIRCULAR SITE- DIRECTED MUTAGENESIS	) )

Assistant Commissioner for Patents Washington, DC 20231

Sir:

# REVOCATION OF ORIGINAL POWER OF ATTORNEY AND GRANT OF NEW POWER OF ATTORNEY AND 37 C.F.R. § 3.73(b) STATEMENT

Stratagene, duly organized under the laws of the State of California, and having its principal place of business at 11011 North Torrey Pines Road, La Jolla, California, 92037, is the co-assignee and co-owner of the entire right, title, and interest in and to the above-identified application by virtue of an assignment recorded in the PTO at Reel 8039, Frame 500. Stratagene hereby revokes all previous Powers of Attorney and all previous Associate Powers of Attorney in the above action and hereby grants its power of attorney to FINNEGAN, HENDERSON, FARABOW, GARRETT & DUNNER, L.L.P. Reg. No. 22,540, Douglas B. Henderson, Reg. No. 20,291; Ford F. Farabow, Jr., Reg. No. 20,630; Arthur S. Garrett, Reg. No. 20,338; Donald R. Dunner, Reg. No. 19,073; Brian G. Brunsvold, Reg. No. 22,593; Tipton D. Jennings, IV, Reg. No. 20,645; Jerry D. Voight, Reg. No. 23,020; Laurence R. Hefter, Reg. No. 20,827; Kenneth E. Payne, Reg.

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NNEGAN, HENDERSON, FARABOW, GARRETT & DUNNER, L. L. P. (ANFORD RESEARCH PARK 700 HANSEN WAY PALO ALTO, CALIF. 94304 650-849-6600 separately as their attorneys with full power of substitution and revocation to prosecut e this application and to transact all business in the Patent and Trademark Office connected therewith, and to receive the Letters Patent.

Under 37 C.F.R. § 3.73(b), the undersigned declares that she has reviewed all of the documents in the chain of title of the patent application identified above, and to the best of her knowledge and belief, title is in the co-assignee identified above. The undersigned (whose title is supplied below) is empowered to sign this document on behalf of the co-assignee, Stratagene.

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INEGAN, HENDERSON, FARABOW, GARRETT 8 DUNNER, L.L.P. INFORD RESEARCH PARK 700 HANSEN WAY ALO ALTO, CALIF. 94304 650-849-6600 I hereby declare that all statements made herein of my own knowledge are true, and that all statements made on information and belief are believed to be true; and further, that these statements are made with the knowledge that willful false statement s, and the like so made, are punishable by fine or imprisonment, or both, under Section 1001, Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Respectfully submitted,

STRATAGENE

Date: 3/4/98

Name: Ronni L. Sherman

Title: Vice President and General Counsel

Signature: Killing VI —

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